

TRI On-site and Off-site Releases, PBT Chemicals, 2000-2001

	2000 Number	2001 Number	Change 2000-2001	
			Number	Percent
Forms	7,092	7,233	141	2.0
On-site Releases	Pounds	Pounds	Pounds	Percent
Total Air Emissions	1,746,439.21	1,391,243.35	-355,195.86	-20.3
Surface Water Discharges	21,437.42	19,627.51	-1,809.91	-8.4
Underground Injection	11,778.46	10,250.16	-1,528.31	-13.0
Class I Wells	1,996.38	1,881.97	-114.41	-5.7
Class II-V Wells	9,782.09	8,368.19	-1,413.90	-14.5
On-site Land Releases	5,300,098.18	7,451,857.42	2,151,759.24	40.6
RCRA Subtitle C Landfills	1,709,080.04	2,456,790.69	747,710.65	43.7
Other On-site Land Releases	3,591,018.14	4,995,066.73	1,404,048.59	39.1
Total On-site Releases	7,079,753.28	8,872,978.44	1,793,225.16	25.3
Storage Only*	17,119.66	11,352.22	-5,767.44	-33.7
Solidification/Stabilization**	415,330.48	68,254.65	-347,075.83	-83.6
Metals and Metal Category Compounds Only				
Wastewater Treatment (Excluding POTWs)***	6,850.32	2,679.38	-4,170.94	-60.9
Metals and Metal Category Compounds Only				
Transfers to POTWs****	413.09	469.60	56.51	13.7
Metals and Metal Category Compounds Only				
Underground Injection	0.00	1,305.63	1,305.63	--
Landfills/Surface Impoundments	3,785,264.99	2,232,285.81	-1,552,979.18	-41.0
Land Treatment	881.67	903.36	21.69	2.5
Other Land Disposal	115,965.59	100,282.88	-15,682.70	-13.5
Other Off-site Management	9,368.47	10,099.63	731.16	7.8
Transfers to Waste Broker for Disposal	80,898.95	100,078.16	19,179.21	23.7
Unknown*****	115,370.88	23,957.58	-91,413.30	-79.2
Total Off-site Releases	4,547,464.09	2,551,668.90	-1,995,795.19	-43.9
(Transfers Off-site to Disposal)				
Total On- and Off-site Releases	11,627,217.37	11,424,647.34	-202,570.03	-1.7

Note: Does not include lead and lead compounds. **On-site Releases** are from Section 5 of Form R. **Off-site Releases** are from Section 6 (transfers off-site to disposal) of Form R. **Off-site Releases** include metals and metal category compounds transferred off-site for solidification/stabilization and for wastewater treatment, including to POTWs. **Off-site Releases** do not include transfers to disposal sent to other TRI facilities that reported the amount as an on-site release.

* Storage only (disposal code M10) indicates that the toxic chemical is sent off-site for storage because there is no known disposal method. Amounts reported as transferred to storage only are included as a form of disposal (off-site release).

** Beginning in reporting year 1997, transfers to solidification/stabilization of metals and metal category compounds (waste treatment code M41) are reported separately from transfers to solidification/stabilization of non-metal TRI chemicals (waste treatment code M40). Because this treatment method prepares a metal for disposal, but does not destroy it, such transfers are included as a form of disposal (off-site release). Reports under code M40 of metals and metal category compounds have been included in solidification/stabilization of metals and metal category compounds in this report.

*** Beginning in reporting year 1997, transfers to wastewater treatment (excluding POTWs) of metals and metal category compounds (waste treatment code M61) are reported separately from transfers to wastewater treatment of non-metal TRI chemicals (waste treatment code M60). Because wastewater treatment does not destroy metals, such transfers are included as a form of disposal (off-site release). Transfers of metals and metal category compounds reported under code M60 have been included in transfers of metals and metal category compounds to wastewater treatment.

**** Reported as discharges to POTWs in Section 6.1 of Form R. EPA considers transfers of metals and metal category compounds to POTWs as an off-site release because sewage treatment does not destroy the metal content of the waste material.

***** Unknown (disposal code M99) indicates that a facility is not aware of the type of waste management used for the toxic chemical that is sent off-site. Amounts reported as unknown transfers are treated as a form of disposal (off-site release).